

**REMARKS**

Entry of the foregoing and reconsideration of the application identified in caption, as amended, pursuant to and consistent with 37 C.F.R. §1.116 and in light of the remarks which follow, are respectfully requested.

At the outset, Applicants thank Examiner Magee and Examiner Castro of the U.S. Patent and Trademark Office for their time and consideration in participating in a personal interview with Applicants' representative on March 8, 2006. The Interview Summary accurately reflects the substance of the interview.

During the interview, claim 1 was proposed to be amended by replacing "formed on" prior to "at least one thermal diffusion layer with a good thermal conductivity" with "in contact with." In addition, claims 1 and 9 were proposed to be amended to recite the phrase "wherein no protection layer is present on the thermal diffusion layer." At the conclusion of the interview, the Examiner agreed that such amendments would be effective to overcome the outstanding §103(a) rejection, and would also distinguish the claims from U.S. Patent No. 6,381,094 (*Gill*), which the Examiner presented to Applicants' representative during the interview. The Examiner further agreed to enter and consider the above proposed amendments at this stage of prosecution.

By the above amendments, the claims have been amended in the manner proposed during the interview. Specifically, claim 1 has been amended to replace the phrase "formed on" prior to "at least one thermal diffusion layer with a good thermal conductivity" with "in contact with." Claims 1 and 9 have been amended to recite the phrase "wherein no protection layer is present on the thermal diffusion layer." Support for such amendments can be found in the instant specification at least at page 13, lines 1-6. Claims 1 and 9 have also been amended for readability purposes by replacing "an" prior to "coil insulation layer" with "a".

In the Official Action, claims 1-3, 6-9 and 12-14 stand rejected under 35 U.S.C. §103(a) as being obvious over Japanese Patent Document No. 03-162705 (*Koshikawa*) in view of U.S. Patent No. 5,949,927 (*Williams et al*). This rejection is moot in light of the above claim amendments. As discussed above, the Examiner has agreed that such amendments would be effective to overcome this rejection. Accordingly, for at least the above reasons, withdrawal of the rejection is respectfully requested.

From the foregoing, further and favorable action in the form of a Notice of Allowance is believed to be next in order, and such action is earnestly solicited. If there are any questions concerning this paper or the application in general, the Examiner is invited to telephone the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL PC (INCLUDING ATTORNEYS  
OF BURNS, DOANE, SWECKER & MATHIS)

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